

C.O.C #50

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 East 11115 Montgomery, Suite B, Spokane, WA 99206-4776 9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

(425) 420-9200 (509) 924-9200 (503) 906-9200 X 420-9210 k 924-9290

20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310

FAX 906-9210

FAX 382-7588

CHAIN OF CUSTODY REPORT	Work Order #:	M1 06006
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CLIENT: Bristol				INVOICE TO: Br.				nistal					TURNAROUND REQUEST in Business Days*					
REPORT TO: Anne Ku	arruetter															nic & Inorganic Analyse		
ADDRESS: Amchitha														10 7	5	4 3 2	1	< 1
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PHONE: 770-097 PROJECT NAME: Amchil	FAX:	770	-0975	P.O. N	UMBE	R:	210	90						_ 5	4	3 2 1	< 1	
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PROJECT NUMBER: 2109	0														OTH	ER		
SAMPLED BY:														*Turnaro	und Requests	less than standard may inci	r Rush Cha	rges.
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425.420.9200 fax 425.420.9210

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Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter Bristol Environmental & Engineering 2000 W International Airport C#1 Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/04/01 11:52. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson

Environmental Group Leader

1112

Work Orders included in this report:

M106006



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Bristol Environmental & Engineering 2000 W International Airport C#1

Project Number: 21090

Reported:

Anchorage, AK 99502-1116

Project Manager: Anne Kranawetter

Project: Amchitka

06/07/01 12:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMA1105MI	M106006-01	Other wet	06/04/01 11:45	06/04/01 11:52

North Creek Analytical - Mobile Lab

Styl Hill



Anchorage, AK 99502-1116

Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223

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Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

Bristol Environmental & Engineering Project: Amchitka 2000 W International Airport C#1 Project Number: 21090

Reported: 06/07/01 12:46

Project Manager: Anne Kranawetter

Polychlorinated Biphenyls per EPA Method 8082 North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMA1105MI (M106006-01) Other wet					Sampled: 06/	04/01 Rece	eived: 06/04/	/01	A-01
Aroclor 1016	ND	4.76	mg/kg	1	EPA 8082	06/04/01	06/04/01	0106014	
Aroclor 1221	ND	9.52	"	"	"	"	"	"	
Aroclor 1232	ND	4.76	"	"	"	"	"	"	
Aroclor 1242	ND	4.76	"	"	"	"	"	"	
Aroclor 1248	ND	4.76	"	"	"	"	"	"	
Aroclor 1254	ND	4.76	"	"	"	"	"	"	
Aroclor 1260	ND	4.76	"	"	"	"	"	"	
Surr: 2,4,5,6-Tetrachloro-m-xylene	66.3 %	34-152							
Surr: Decachlorobiphenyl	100 %	33-162							

North Creek Analytical - Mobile Lab



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Bristol Environmental & Engineering

Project: Amchitka 2000 W International Airport C#1 Project Number: 21090

Reported: 06/07/01 12:46

Anchorage, AK 99502-1116 Project Manager: Anne Kranawetter

1.78

Polychlorinated Biphenyls per EPA Method 8082 - Quality Control

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch (0106014 -	EPA	3550
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Batch 0106014 - EPA 3550									
Blank (0106014-BLK1)				Prepared &	Analyzed: 06/0	04/01			
Aroclor 1016	ND	5.00	mg/kg						
Aroclor 1221	ND	10.0	"						
Aroclor 1232	ND	5.00	"						
Aroclor 1242	ND	5.00	"						
Aroclor 1248	ND	5.00	"						
Aroclor 1254	ND	5.00	"						
Aroclor 1260	ND	5.00	"						
Surr: 2,4,5,6-Tetrachloro-m-xylene	2.47		"	2.00	124	34-152			
Surr: Decachlorobiphenyl	2.41		"	2.00	121	33-162			
LCS (0106014-BS1)				Prepared &	Analyzed: 06/0	04/01			
Aroclor 1254	10.7	5.00	mg/kg	10.0	107	70-150			
Surr: 2,4,5,6-Tetrachloro-m-xylene	2.42		"	2.00	121	34-152			
Surr: Decachlorobiphenyl	2.28		"	2.00	114	33-162			
LCS Dup (0106014-BSD1)				Prepared &	Analyzed: 06/0	04/01			
Aroclor 1254	11.0	5.00	mg/kg	10.0	110	70-150	2.76	50	
Surr: 2,4,5,6-Tetrachloro-m-xylene	2.47		"	2.00	124	34-152			
Surr: Decachlorobiphenyl	2.31		"	2.00	115	33-162			
Duplicate (0106014-DUP1)	Sour	ce: M1060	006-01	Prepared &	Analyzed: 06/0	04/01			
Aroclor 1016	ND	4.55	mg/kg		ND			50	
Aroclor 1221	ND	9.09	"		ND			50	
Aroclor 1232	ND	4.55	"		ND			50	
Aroclor 1242	ND	4.55	"		ND			50	
Aroclor 1248	ND	4.55	"		ND			50	
Aroclor 1254	ND	4.55	"		ND			50	
Aroclor 1260	ND	4.55	"		ND			50	
Surr: 2,4,5,6-Tetrachloro-m-xylene	1.11		"	1.82	61.0	34-152			

1.82

North Creek Analytical - Mobile Lab

Surr: Decachlorobiphenyl

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

33-162

97.8



Reported:

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Bristol Environmental & Engineering Project: Amchitka 2000 W International Airport C#1 Project Number: 21090

Project Manager: Anne Kranawetter 06/07/01 12:46

Polychlorinated Biphenyls per EPA Method 8082 - Quality Control

North Creek Analytical - Mobile Lab

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch 0106014 - EPA 3550

Anchorage, AK 99502-1116

Matrix Spike (0106014-MS1)	Sourc	e: M106006-01	Prepare	d & Analy	zed: 06/0	4/01
Aroclor 1254	8.24	4.55 mg/kg	9.09	ND	90.6	70-150
Surr: 2,4,5,6-Tetrachloro-m-xylene	1.12	"	1.82		61.5	34-152
Surr: Decachlorobiphenyl	1.68	"	1.82		92.3	33-162

North Creek Analytical - Mobile Lab



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Project: Amchitka

Project Manager: Anne Kranawetter

Project Number: 21090

Reported:

06/07/01 12:46

Notes and Definitions

A-01 Acceptance criteria for CCV was exceeded high. Sample results are non detect and are not affected. DoD QSM Draft 5.9.4.2.E.1

DET Analyte DETECTED

Bristol Environmental & Engineering

2000 W International Airport C#1

Anchorage, AK 99502-1116

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106006 FINAL 06 07 01 1246.mdb
			Default Report (not modified)
M106006-01	8082 PCB Oil		A-01